

Borehole 31-MW-1
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Log of Borehole

Project <u>Vandenberg</u>	8" Hole Depth <u>39 feet</u>	START <u>5/4/87</u> FINISH <u>5/5/87</u>
Location <u>Site #31 576-C</u>	12" Hole Depth <u>26 feet</u>	Date <u>5/4/87</u> <u>5/5/87</u>
Geologic Log by <u>Moore</u>	Depth to Water <u>7 feet</u>	Time <u>1623</u> <u>1125</u>
Driller <u>Fred Carey (Beylik)</u>	Rig <u>CME 55 ATV</u>	How Left <u>Grouted</u>
Drilling Method <u>Hollow-stem Auger</u>	Bit(s) <u>Finger-tooth Auger Bit</u>	<u>to surface; marked</u>
Weather <u>Clear, 1175°</u>	TOC Elevation <u>173.7 feet</u>	<u>with brass cap.</u>

Depth	Pene. Rate/ Blow Cts	OVA/ Sample	OVA/ Hole	Sample		Geologic and Hydrologic Description		
				#	Interval	Lith. Symbol		% Core Recovery
0								
5	4, 4, 5	0.0	0.0	5364	4-5½'		4'-5½': Sand (100%), medium grained, well sorted, predominately quartz, very minor garnet, epidote, subrounded, moist, yellowish brown (10YR 5/6), pervasive iron oxide. (SP)	
10	7, 12, 15	0.0	0.0	5365	9-10½'		9'-10½': Sand (100%), medium grained, very well sorted, quartz, subrounded, saturated with water, yellowish brown (10YR 5/6). (SP)	
15					14-15½'		14'-15½': No sample cuttings. (SP)	
20					19-20½'		19'-20½': No sample cuttings. (SP)	
25					24-25½'		24'-25½': No sample cuttings. (SP)	
30							29'-30½': No sample cuttings, very wet. (SP)	
							34'-35½': No sample cuttings, very wet. (SP)	
35							39': Total depth.	

OVA background 3.1ppm